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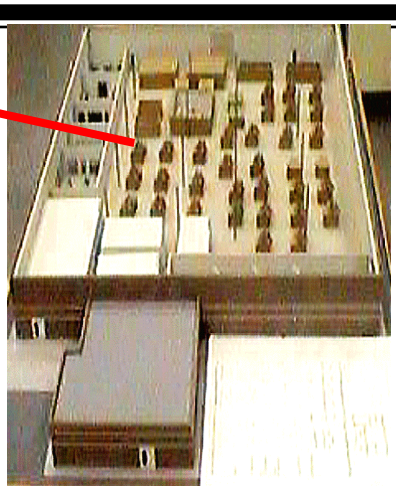
CLOSE COMBAT TACTICAL TRAINER (CCTT) FIXED SITE INSTALLATION



Training Category/Level Utilized:
Armor & Mechanized Infantry/Level I

Logistic Responsible Command, Service, or Agency:
STRICOM

Source and Method of Obtaining:
Not generally available for issue (limited distribution).

Purpose of Trainer:
To provide a realistic, virtual, collective (unit) training environment in which to train and sustain proficiency in Mission Training Plan (MTP) tasks. The primary tasks supported include command and control, maneuver/movement techniques, and fire support. All tasks are performed by full combat vehicle crews within a stressful, fully task loaded, synthetic combined arms environment in which the training audience must integrate the functions of combat and combat service support into their maneuver battle.

Functional Description:
CCTT sites include Ml, M2/M3, FIST-V, HMMWV and M113 combat vehicle interior mock-ups which replicate, with high-precision, the form, fit, and function of the actual vehicle crew compartments. Each station is equipped with most of the operational controls and indicators that are found in the real vehicle's crew stations. Each simulator is a stand-alone unit that networks with other simulators using a microprocessor based host computer, graphics imaging computer, sound system, control and interface controller cards, and a terrain data base representing either the National Training Center (Ft Irwin) and surrounding area or an area of Central Germany. During the exercise, the interaction of indirect fire, close air support, resupply, repair, command posts, howitzers, mortars, and supply trucks are all simulated.

Semi-automated forces (platoons, companies, and battalions) are controlled by a few personnel through a special computer interface to provide both enemy and friendly adjacent and supporting units. Realism is further enhanced by the imposition of real-world limitations such as fuel consumption, basic ammunition loads, expended ammunition, and reliability and maintenance of components.

Physical Information:
Ml Simulator
16' 1" L x 14' 1" W x 10' 6" H; 3800lbs
M2/M3 Simulator
16' 0" L x 14' 0" W x 10' 6" H; 3900lbs
M113 APC Simulator
14' 9" L x 14' 6" W x 9' 7" H; 2139lbs
M981 FIST-V Simulator
14' 9" L x 14' 6" W x 9' 7" H; 2657lbs
HMMWV Simulator
11' 8" L x 20' 2" W x 9' 4" H; 3900lbs
Dismounted Infantry WS
15' 0" L x 32' 10" W x 9' 4" H; 9942lbs

Equipment Required, Not Supplied:
Combat Vehicle Crewman (CVC) helmets

Personal Chemical Protective Equipment (if required by scenario)

Special Installation Requirements:

Due to the size and complexity of CCTT it is housed in a 44,000 m^2 building specifically designed to meet its needs. The Army Corps of Engineers developed a common design which has been locally adapted at each of 7 CONUS sites. Each building has power, temperature and humidity controls, office areas, Tactical Operations Center (TOC) mock-ups, Semi-Automated Forces workstations, and five After Action Review rooms to support the simultaneous training of platoons and companies or a battalion (-) size unit.

Power Requirements:

208 and 120 VAC, 3 phase, 60 Hz

Applicable Publications:

CCTT Facilitator's Guide – Fixed Site, CFG1-01
TD 17-6930-702, Maintenance Manual

Reference Publications:

None

Training Requirements Supported:

MOSC 19 and 11 Series

CLOSE COMBAT TACTICAL TRAINER (CCTT) MOBILE M1 TANK

Training Category/Level Utilized:
Armor/Level I

Logistic Responsible Command, Service, or Agency:
STRICOM

Source and Method of Obtaining:
Not generally available for issue (limited distribution).

Purpose of Trainer:
To provide a realistic, virtual, collective (unit) training environment in which to train and sustain proficiency in tank platoon Mission Training Plan (MTP) tasks. The primary tasks supported include command and control, maneuver/ movement techniques, and fire support. All tasks are performed by full combat vehicle crews within a stressful, fully task loaded synthetic combined arms environment in which the training audience must integrate the functions of combat and combat service support.

Functional Description:
A CCTT mobile set is a self-contained system housed and transported in four climate controlled 48' trailers. The trailers house 4 combat crew simulators, a Semi-Automated Forces workstation suite, an After Action Review system and briefing space, a 350 Kw generator and power conditioner, and a repair facility.

The Ml simulators are combat vehicle interior mock-ups which replicate, with high-precision, the form, fit, and function of the actual vehicle crew compartments – driver, loader, gunner and commander. Each station is equipped with most of the operational controls and indicators that are found in actual Ml and M2/M3 crew stations including the SINCGARS and digital communications systems. Each simulator is a stand-alone unit that networks with other simulators using a microprocessor based host computer, graphics imaging computer, sound system, control and interface controller cards, and a terrain data base represents either the area surrounding the National Training Center (Ft Irwin) or an area of Central Germany. During the exercise the interaction of indirect fire, close air support, resupply, repair, command posts, howitzers, mortars, and supply trucks are all simulated.

Semi-automated forces (SAF) representing both adjacent and supporting friendly units as well as enemy units are controlled by a SAF operator through a special computer interface. Realism is further enhanced by the imposition of real-world limitations, such as fuel consumption, basic ammunition loads, expended ammunition, and reliability and maintenance of components.

Physical Information:
4 Ml Simulators (16' 1" L x 14' 1" W x 10' 6" H; 3800lbs) in 2 trailers. Remaining two trailers contain Master Control Console, SAF, After Action Review, maintenance console, power generator, and maintenance workspace.

Equipment Required, Not Supplied:
Combat Vehicle Crewman (CVC) helmets
Personal Chemical Protective Equipment (if required by scenario)

Special Installation Requirements:
The CCTT mobile set supports National Guard unit training on weekends and at Annual Training at geographically dispersed sites. The set has therefore been designed to be set-up, dismantled, and moved up to 40 times per year and to be able to operate autonomously while supporting training.

Power Requirements:
480 vac, 3 phase, 60 Hz (Not designed for OCONUS power.

Applicable Publications:

CCTT Facilitator's Guide – Mobile Set, CFG2-02
TD 17-6930-702, Maintenance Manual

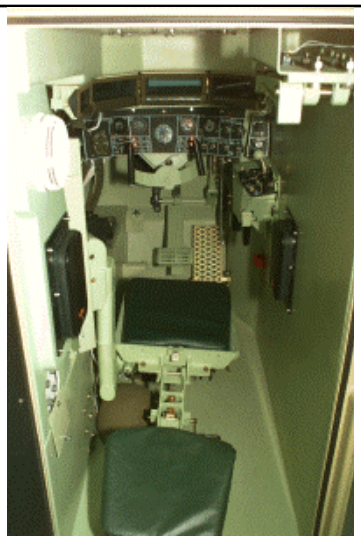
Reference Publications:

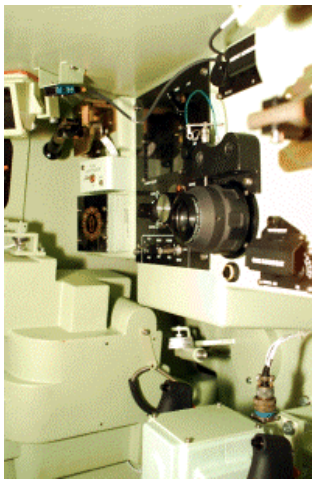
None

Training Requirements Supported:

MOSC 19 Series

CLOSE COMBAT TACTICAL TRAINER (CCTT) MOBILE M2/M3 BFV





Training Category/Level Utilized:
Mechanized Infantry/Level I

Logistic Responsible Command, Service, or Agency:
STRICOM

Source and Method of Obtaining:
Not generally available for issue (limited distribution).

Purpose of Trainer:
To provide a realistic, virtual, collective (unit) training environment in which to train and sustain proficiency in Mechanized Infantry platoon Mission Training Plan (MTP) tasks. The primary tasks supported include command and control, maneuver techniques, coordination of mounted and dismounted movement, and fire support. All tasks are performed by full combat vehicle crews within a stressful, fully task loaded synthetic combined arms environment in which the training audience must integrate the functions of combat and combat service support.

Functional Description:
A CCTT mobile M2/M3 set is a self-contained system housed and transported in five climate controlled 48' trailers. The trailers house four M2 (or six M3 simulators), a Semi-Automated Forces workstation suite, an After Action Review system and briefing space, a 500 Kw generator and power conditioner, and a repair facility. The 5th trailer in a Mechanized Infantry mobile set houses the Dismounted Infantry simulator which permits the platoon leader and/or squad leaders to control their dismounted elements in the virtual environment while their virtual platoon / squads are dismounted from their virtual vehicles.

The M2/M3 simulators are interior mock-ups which replicate with high-precision, the form, fit, and function of the actual vehicle crew compartments – driver, gunner, commander. Each station is equipped with most of the operational controls and indicators that are found in actual vehicle including the SINCGARS and FBCB2 communications systems. Each simulator is a stand-alone unit that networks with other simulators using a microprocessor based host computer, graphics imaging computer, sound system, control and interface controller cards, and a terrain data base represents either the area surrounding the National Training Center (Ft Irwin) or an area of Central Germany. During the exercise the interaction of indirect fire, close air support, resupply, repair, command posts, howitzers, mortars, and supply trucks are all simulated.

Semi-automated forces (SAF), representing both adjacent and supporting friendly units as well as enemy units, are controlled by a SAF operator through a special computer interface. Realism is further enhanced by the imposition of real-world limitations, such as fuel consumption, basic ammunition loads, expended ammunition, and reliability and maintenance of components.

Physical Information:
Four M2 Simulators (16' 0" L x 14' 0" W x 10' 6" H; 3900 lbs) in two trailers. Remaining 3 trailers contain a Dismounted Infantry Workstation (15' 0" L x 32' 10" W x 9' 4" H; 9942 lbs) Master Control Console, SAF, AAR, maintenance

console, power generator, and maintenance workspace.

Equipment Required, Not Supplied:
Combat Vehicle Crewman (CVC) helmets
Personal Chemical Protective Equipment (if required by scenario)

Special Installation Requirements:
The CCTT mobile BFV set supports National Guard unit training on weekends and at Annual Training at geographically dispersed sites. The set has therefore been designed to be set-up, dismantled, and moved up to 40 times per year and to be able to operate autonomously while supporting training.

Power Requirements:
480 vac, 3 phase, 60 Hz (Not designed for OCONUS power.

Applicable Publications:
CCTT Facilitator's Guide – Mobile Set, CFG2-02
TD 17-6930-702, Maintenance Manual

Reference Publications:
None

Training Requirements Supported:
MOSC 11 Series

COMBAT MANEUVER TRAINING CENTER - INSTRUMENTATION SYSTEM (CMTC-IS)

(PICTURE NOT AVAILABLE)

Training Category/Level Utilized:
Combat Training Center (CTC)

Logistic Responsible Command, Service, or Agency:
STRICOM

Source and Method of Obtaining:
(Information not available)

Purpose of Trainer:
The Combat Maneuver Training Center - Instrumentation System (CMTC-IS) provides force-on-force training for all U.S. Army and Allied Close Combat Heavy/Light Battalion Task Forces (CCHTF). These CCHTFs are provided the opportunity to conduct, on a rotational basis, realistic and stressful combined arms maneuver training at the Battalion/ Task Force (BN/TF) and Company/Team (CO/TM) levels. Diagnostic feedback, provided through After Action Reviews (AARs), are conducted for unit personnel in field locations (5 mobile AAR vans) and at the AAR theaters (2 fixed theaters) utilizing Audio and Video battlefield events of the unit in rotation. Take Home Packages (THPs) provide the unit with the capability of playback and analysis o f the CMTC experience of collected and recorded battlefield events and recorded AARs.

Functional Description:
The CMTC-IS monitors and controls maneuver training, produces AARs, standardizes evaluation of training performance, and provides detailed feedback on the exercises. At the completion of the rotation, training feedback is provided in the form of a THP of electronic exercise history and AAR materials. Instrumentation at CMTC is comprised of 5 subsystems: Core Instrumentation Subsystems (CIS); is the setup of computers, and various work stations, Training Analyst Feedback Officer (TAFO), Training Analyst Feedback (TAF), Fire Support (FS), Division Tactical Operations Center (DTOC), and Edit stations including those in the theaters, that take the inputs from Range Data Measurement Subsystem (RDMS) and Range Monitoring and Control Subsystem (RMCS) and produce the outputs of AARs and THPs. RDMS consists of player units (mostly vehicular, but some manworn), using an approved spectrum to transmit (real time) MILES/SAWE events to the VHF receive tower (60m) and through fiber optic cable to the CIS. VHF transmitter sends commands to player units from the transmit tower (33m) using a Time Division Multiplex Approach (TDMA) (where each player is assigned time slots on a net), 92 players per net, with growth to 12 nets are possible. The system is adaptable to any player mix. RMCS consists of fiber optic network with its 9 Field Termination Sites, with the MPCs consisting of the Mobile Production Unit (MPU), Theater and Mobile Video Units (MVUs) to provide live video (each HMMWV) has 2 cameras) via microwave from the MVU dish to the 60m tower. The tactical communications component is also part of the RMCS with its government provided encrypted and unencrypted units. The intercom and Private Automated Branch Exchange (PABX) switcher, and the closed circuit television (CCTV) also assist in status and control. The Home Station Workstation Subsystem (HSWS) uses the CMTC or the Ft. Levenworth stations to make the THP and to review that video and audio, with the added ability of selection of various filters and reports available from the data base. The Automated Configuration Management System/Software Support Facility (ACMS/SSF), which has work station that house the drawings, manuals, and logistic support analysis (LSA) data, including AUTO Computer Aided Design (CAD). The SSF has identical workstations, independent of CMTC CIS for software development.

Physical Information:
The CIS suite is located in Building 100, with amplifiers and 33m tower. The 60m tower is co-located with 5th signal. The maneuver area (box) is the Hohenfels Training Area (HTA)

(approximately 16 Km by 9 Km) and to varing degrees the surrounding area. Fiber optic cables provide a rapid download capability to 9 different Field Termination Sites (FTS) (where AARs can be given); this capability not only provides enhanced (minimal degradation) of audio and video, but the FTS are situated throughout the box to reduce driving time to and from AARs.

Equipment Required, Not Supplied:

SAWE/MILES II.

Special Installation Requirements:

The instrumentations system is specifically tailored to the maneuver area of Hohenel, GE. Also, required is frequency allocations in the 70 to 74.2 Mhz range for the RDMS operation.

Power Requirements:

Commercial German power 220-230 vac, 50 Hz.
Portable generators are provided for the operation of the Mobile Production Centers (MPCs) at the FTS location or, in the independent mode, at any other location where the MPC may be setup.

Applicable Publications:

The CMTC-IS manuals are Government developed COTS manuals for the operation and maintenance of the CMTC, and Vendor COTS manuals.

Reference Publications:

TD 71-6910-702, CMTC-IS System Operation and Maintenance Manual

TD 71-6910-702-1, Home Station Workstation Subsystem (HSWS) Operation and Maintenance Manual

TD 71-6910-702-2, Core Instrumentation Subsystem (CIS) Operation and Maintenance Manual

TD 71-6910-702-3, Range Data Measurement Subsystem (RDMS) Operation and Maintenance Manual

TD 71-6910-702-4, Range Monitoring and Control Subsystem (RMCS) Operation and Maintenance Manual

TD 71-6910-703, Automated Configuration Management Subsystem (ACMS) Operation and Maintenance Manual

Training Requirements Supported:

(Information not available)

BRIGADE/BATTALION BATTLE SIMULATION (BBS)

Training Category/Level Utilized:
Combined Arms/Level 3

Logistic Responsible Command, Service, or Agency:
STRICOM

Source and Method of Obtaining:
Software can be obtained by DOD agencies through a Memorandum of Agreement with STRICOM and by foreign customers through Foreign Military Sales. Hardware can be procured through STRICOM or commercial vendor.

Purpose of Trainer:
To provide computer simulation support of command and staff training at the brigade and battalion levels.

Functional Description:
BBS is designed as a low-cost training simulation to provide maneuver brigade and battalion commanders, and their staffs, with the opportunity to practice decision-making skills in the execution of the Air Land Battle doctrine. BBS simulates realistic battlefield conditions for three levels of operations: A single-echelon battalion staff exercise, a single-echelon brigade staff exercise, and a multi-echelon staff exercise. Major functionality includes: Acoustic Sensors, After Action Review, Air Defense, Air Support, Airborne/Airmobile, Archiving, Army-Aviation/Close, Artillery Fires (including FASCAM), Casualty Evacuation, Chemical/Nuclear, Counter Mobility, Direct Fire, Engineers, Ground Surveillance, Indirect Fire, Magnetic and Infrared Sensors, Medical, Mobility, Movement, Operations, Personnel/Logistics, Smoke, Survivability, TGT ACQ/Counter-Battery Radars, and Weather.

Physical Information:
BBS suites can be installed in fixed sites or are portable.

Equipment Required, Not Supplied:

BBS Hardware- The MicroVAX computers use VAX VMS Version 7.2. The Personal Computers (PC's) use windows for Workgroups 3.11.

Control Station- Digital Equipment Corporation (DEC) MicroVAX 3140 (minimum) with 32 MB (minimum) RAM, 16 User Licenses, two 535 MB (minimum) disk drives, and 4mm DAT tape drive.

Terminal Server- DEC DECserver 700, 16 port terminal server.

Workstation- Three DEC VT510 video terminals, DEC LA30W printer, Pioneer LD-V4400 laserdisc player, and Sony PGM-2950 monitor.

Graphics Station- DEC Venturis FX 5166 Short Tower PC, 8 MB RAM, 540 MB (minimum) disk drive, and Super Video Windows-SL card.

Note: Transit cases can be purchased for portable use.

Special Installation Requirements:

Equipment is installed based on site requested configuration.

Power Requirements:

110 vac for CONUS
220 vac for OCONUS

Applicable Publications:

Commander's Planning Guide
Warfighter's Guide
Database Manager's Guide
System Manager's Guide
AAR User's Guide
Digital Terrain User's Guide

Reference Publications:

Technical publications are provided on a 3.5 inch disc and hard copy.

Training Requirements Supported:

Battle simulation for command post exercise (CPX) training support. Targeted to brigade and battalion commanders and staff.

CORPS BATTLE SIMULATION (CBS)

Training Category/Level Utilized:
Combined Arms/Level 3

Logistic Responsible Command, Service, or Agency:
STRICOM

Source and Method of Obtaining:
Software can be obtained by DOD agencies through a Memorandum of Agreement with STRICOM and by foreign customers through Foreign Military Sales. Hardware can be procured through STRICOM or commercial vendor.

Purpose of Trainer:
Provides Corps and Division Level Battle Staff Training by presenting realistic, free-play events requiring time-sensitive analysis, evaluations, and decisions. The Corps Battle Simulation (CBS) simulates combat, combat support, and combat service support of forces in battle. It incorporates movement, close combat, artillery support, chemical and engineer activities, logistics (to include maintenance, medical, and re-supply), as well as tactical air, army aviation and air defense. These factors must be fully integrated by the commander and his staff in order to synchronize his battlefield assets and to control operations effectively.

Functional Description:
The architecture of the simulation, combined with sophisticated software provides the cell players fast, flexible, and interactive control. Video displays offer real time information on the electronic units that represent the battlefield assets and on the progress of the battlefield. Through a combination of graphics and menu-driven commands the cell players send orders to the computer and control the displays provided by the workstation. Secure communications link geographically dispersed CBS workstations. CBS can be adapted to a variety of scenarios, terrain, or forces. It has been used effectively for battlefield drills, as well as training for non-combat operations.

CBS contains a Master Interface, which provides an ALSP interface between CBS and other multi-service simulation models for participation in a Joint Training Confederation Exercise.

The main frame computer provides a high-speed computational capacity and hosts the game models for CBS. It also

handles database management software and game operation utilities.

Physical Information:

CBS suites can be installed in fixed sites or are portable.

Equipment Required

Central Computer: VAX 7600 or larger series processor with 512 MB of RAM, running VMS 7.2 and Multinet and configured with a Massbus, Unibus, and Computer Interconnect bus. Major peripherals include:

1 HSC70 Hierarchical Storage Controller
3 RA81 456-MB disk subsystems
1 RA60 250-MB disk subsystem (removable disk)
1 RL02 10.4-MB disk with console terminal
1 TA78 tape drive-1600/6250 bpi
1 Printronix 600 high-speed printer-600 LPM
1 H4000 Ethernet transceiver

Workstation Computer and Equipment: A MicroVAX 3100 Model 40 running VMS 7.2 with 32 MB of RAM, two 430-MB disks (one internal and one external), and an SCSI port for peripherals. Each MicroVAX 3100 can host up to three suites of workstation hardware using the EMULEX 4000 or DECserver 300 terminal server. Peripheral hardware items for each workstation include the following:

3 DEC VT alphanumeric terminals
1 GraphOver 9500 overlay generator and 1 digitizing pad (or an Amiga or DEC PC)
1 Laser video disk player
1 or 2 RGB color graphics monitors
1 dot-matrix printer
1 EMULEX 4000 or DECserver terminal server

Special Installation Requirements:

Equipment is installed based on site requested configuration. Facilities required for a CBS exercise include an appropriate support environment for the selected hardware suite, space for the controllers, and field locations for the battle staffs and their Tactical Operations Centers (TOCs). Communications lines between the various components of the system and between the controllers and the TOCs must be provided. A clean, air-conditioned environment is required for both the Central Computer and the workstation equipment.

Power Requirements:

110 vac for CONUS
220 vac for OCONUS

Applicable Publications:

Executive Overview
Analyst Guide Vol. I Ground
Analyst Guide Vol. II Logistics
Analyst Guide Vol. II Air
Installation and Maintenance Manual
Operators Manual
User Handbook

Reference Publications:

None

Training Requirements Supported:

MOSC 82C
OBC Students
Career Course
W.O. School

JANUS SUITES

NSN Unknown	DVC 71-12/01 JANUS Suite W/8 Workstations, 1 Host, 1 After Action Review Station, 1 Laser Printer, 1 Line Printer
NSN Unknown	DVC 71-12/02 JANUS Suite W/16 Workstations, 2 Hosts, 2 After Action Review Stations, 1 Laser Printer, 1 Line Printer
NSN Unknown	DVC 71-12/03 JANUS Suite W/16 Workstations, 1 Host, 1 After Action Review Station, 1 Laser Printer
NSN Unknown	DVC 71-12/04 JANUS Suite W/16 Workstations, 1 Host, 1 After Action Review Station, 1 Line Printer
NSN Unknown	DVC 71-12/05 JANUS Suite W/8 Workstations, 1 Host, 1 After Action Review Station, 1 Laser Printer
NSN Unknown	DVC 71-12/06 JANUS Suite W/12 Workstations, 1 Host, 1 After Action Review Station, 1 Laser Printer
NSN Unknown	DVC 71-12/07 JANUS Suite W/16 Workstations, 1 Host, 5 After Action Review Stations, 5 Laser Printers
NSN Unknown	DVC 71-12/08 JANUS Suite W/16 Workstations, 2 Hosts, 2 After Action Review Stations, 2 Laser Printers
NSN Unknown	DVC 71-12/09 JANUS Suite W/16 Workstations, 1 Host, 1 After Action Review Station, 1 Laser Printer, 1 Line Printer
NSN Unknown	DVC 71-12/10 JANUS Suite W/16 Workstations, 2 Hosts, 1 After Action Review Station, 1 Laser Printer
NSN Unknown	DVC 71-12/11 JANUS Suite W/1 Workstation, 1 Hosts, 1 Laser Printer, 1 Line Printer
NSN Unknown	DVC 71-12/12 JANUS Suite W/10 Workstations, 2 Hosts
NSN Unknown	DVC 71-12/13 JANUS Suite W/18 Workstations, 2 Hosts, 1 After Action Review Station, 1 Laser Printer
NSN Unknown	DVC 71-12/14 JANUS Suite W/4 Workstations, 1 Host 1 Laser Printer
NSN Unknown	DVC 71-12/15 JANUS Suite W/1 Host

Training Category/Level Utilized:
Combined Arms/Level 3

Logistic Responsible Command, Service, or Agency:
STRICOM

Source and Method of Obtaining:
Software can be obtained by DOD agencies through a Memorandum of Agreement with STRICOM and by foreign customers through Foreign Military Sales. Hardware can be procured through STRICOM or commercial vendor.

Purpose of Trainer:

Battle simulation for Battle Focus Training

Targeted to Company/Team Level

Training Audience Interfaces Directly with Simulation via Workstations

Communications between members of Training Audience is via Tactical Comm

Also Used by Tactical Commanders Development Course (TCDC) with Role Players I/F to Simulation

Functional Description:

Janus is a six-sided, interactive, closed, stochastic, ground combat simulation.

Entity Based:

Unit on unit engagements

Simulation also models:

Weather and its effects

Day and night visibility

Resupply

Terrain Representation:

Digitized terrain

Elevation, roads, rivers, vegetation and urban areas

Terrain realistically affects visibility and movement

DataBase Features:

Individual weapons and weapon platforms, mines, smoke and radars

Multiple data bases available

User able to modify and create

Physical Information:

Janus suites can be installed in fixed sites or are portable.

Equipment Required, Not Supplied:

Janus Hardware- All computers run on HP-UX 10.20 (HP's version of UNIX).

Host Computer- Current fielded hardware consists of a Hewlett Packard Model 715/50 with 64 MG memory, 3GB disk drive, 8GB DAT Drive, 600 MB CD-ROM, 3 button mouse and 101 keyboard, 19" color monitor, and additional X-Terminal, and support the TCP/IP network protocol. Recommended hardware consists of HP 715/100, B132 or C110 machine with 64MG memory, 4GB disk drive, 8GB DAT drive, CD ROM, 3 button mouse and 101 keyboard, and 20" color monitor.

Workstation Computer- Current fielded hardware consists of a Hewlett Packard Model 715/50 with 64MG memory, 1GB disk drive, 3 button mouse and 101 keyboard, 19" monitor, support the TCP/IP networking protocol (as a minimum), and two SummaSketch III digitizing tablets. Recommended hardware consists of HP 715/100, B132 or C110 machine with 64MB memory, 2GB disk drive, 3 button mouse and 101 keyboard, 20" color monitor, support the TCP/IP network protocol, and two SummaSketch III digitizing tablets.

After Action Review Device- Current fielded hardware consists of the Electrohome Model 4500 with option to connect to 8 or 16 workstation suites. Recommended hardware consists of the ASK 960 or the Boxlight 4801.

Line Printer- Current fielded hardware consists of the Genicom Model 4440XT.

Laser Printer- Current fielded hardware consists of the Hewlett Packard Laserjet 4 Plus. Recommended hardware consists of the HP Laserjet 5 or above.

Special Installation Requirements:

Equipment is installed based on site requested configuration.

Power Requirements:

110 vac for CONUS

220 vac for OCONUS

Applicable Publications:

Computer System Operator's Manual (CSOM)

Software User's Manual (SUM)

Data Base Manager's Manual (DBMM)

Reference Publications:

Technical publications are provided on CD-ROM and hard copy.

Training Requirements Supported:

Supports battle focused training of tactical unit commanders and their subordinates at battalion level and below, as well as to support battle focused training events in various educational institutions.

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